

**Answer the following questions by organizing your work according to the fraction bars given.  
LABEL LABEL LABEL!!!!!!!**

1. A box of dried fruit has 36 calories in 3 servings. How many calories are there per serving?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. In a week, 20 hens laid 80 eggs. What is the unit rate for eggs per hen?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. A 15-pound bag of wildflower seed covers 40 square feet. How many pounds of seed does it take to cover 1 square foot?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

4. An animal gained 6 pounds steadily over 12 years. What is the unit rate of pounds per year?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

5. A plant grew 19 inches over 5 months. The plant grows the same amount each month. Use the Rate to complete the table

Month	Growth (inches)
1	
2	
3	
4	
5	19
6	

6. If 7 model cars cost \$28, what is the unit price of the model cars?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

7. If 7 notepads cost \$3.15, what is the unit price of the notepads?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

8. A 25-pound bag of bird food costs \$19.50. A 30-pound bag of the same bird food costs \$22.80. Which bag of bird food is the better buy?

**25-pound bag:**

**30-pound bag:**

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

9. You want to buy some rice. A 6-ounce package costs \$2.28. A 14-ounce package costs \$5.18. A 26-ounce package costs \$10.40.

**6-ounce package:**

**14-ounce package:**

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

**26-ounce package:**

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Answer the following questions by organizing your work according to the fraction bars given. LABEL LABEL LABEL!!!!!!

1. A box of dried fruit has 36 calories in 3 servings. How many calories are there per serving? for one

$$\frac{36 \text{ calories}}{3 \text{ servings}} = \frac{12 \text{ calories}}{1 \text{ serving}}$$

(Arrows indicate dividing both numerator and denominator by 3)

12 calories per serving

2. In a week, 20 hens laid 80 eggs. What is the unit rate for eggs per hen? for one

$$\frac{80 \text{ eggs}}{20 \text{ hens}} = \frac{4 \text{ eggs}}{1 \text{ hen}}$$

(Arrows indicate dividing both numerator and denominator by 20)

4 eggs per hen

3. A 15-pound bag of wildflower seed covers 40 square feet. How many pounds of seed does it take to cover 1 square foot?

$$\frac{15 \text{ lbs}}{40 \text{ sq. ft}} = \frac{0.375 \text{ lb}}{1 \text{ sq. ft}}$$

(Arrows indicate dividing both numerator and denominator by 40)

0.375 lb for 1 sq. ft

4. An animal gained 6 pounds steadily over 12 years. What is the unit rate of pounds per year? for one

$$\frac{6 \text{ lbs}}{12 \text{ years}} = \frac{0.5 \text{ lbs}}{1 \text{ year}}$$

(Arrows indicate dividing both numerator and denominator by 12)

0.5 lb in 1 year

5. A plant grew 19 inches over 5 months. The plant grows the same amount each month. Use the Rate to complete the table

Month	Growth (inches)
1	3.8
2	7.6
3	11.4
4	15.2
5	19
6	22.8

(Arrows indicate multiplying the first two rows by 2, and dividing the last two rows by 5)

6. If 7 model cars cost \$28, what is the unit price of the model cars?

$$\frac{\$28}{7 \text{ cars}} = \frac{\$4}{1 \text{ car}}$$

\$4 per car

7. If 7 notepads cost \$3.15, what is the unit price of the notepads?

$$\frac{\$3.15}{7 \text{ notepads}} = \frac{\$0.45}{1 \text{ notepad}}$$

\$0.45 per notepad

8. A 25-pound bag of bird food costs \$19.50. A 30-pound bag of the same bird food costs \$22.80. Which bag of bird food is the better buy?

25-pound bag:

$$\frac{\$19.50}{25 \text{ lbs}} = \frac{\$0.78}{1 \text{ lb}}$$

\$0.78 per pound

30-pound bag:

$$\frac{\$22.80}{30 \text{ lbs}} = \frac{\$0.76}{1 \text{ lb}}$$

\$0.76 per pound

9. You want to buy some rice. A 6-ounce package costs \$2.28. A 14-ounce package costs \$5.18. A 26-ounce package costs \$10.40.

6-ounce package:

$$\frac{\$2.28}{6 \text{ -ounces}} = \frac{\$0.38}{1 \text{ ounce}}$$

14-ounce package:

$$\frac{\$5.18}{14 \text{ -ounce}} = \frac{\$0.37}{1 \text{ ounce}}$$

26-ounce package:

$$\frac{\$10.40}{26 \text{ -ounce}} = \frac{\$0.40}{1 \text{ ounce}}$$